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AU - Kajita M  
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AU - Seiki M  
TI - Human membrane type-4 matrix metalloproteinase (MT4-MMP) is encoded by a novel major transcript: isolation of complementary DNA clones for human and mouse mt4-mmp transcripts.  
LA - Eng  
MH - Amino Acid Sequence  
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MH - Transcription, Genetic  
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MH - Tumor Cells, Cultured  
RN - EC 3.4.24 (Metalloendopeptidases)  
RN - EC 3.4.24.- (membrane-type 4 matrix metalloproteinase)  
RN - 0 (DNA Primers)  
RN - 0 (DNA, Complementary)  
PT - JOURNAL ARTICLE  
DA - 19991012  
DP - 1999 Sep 3  
IS - 0014-5793  
TA - FEBS Lett  
PG - 353-6  
SB - M  
SB - X  
CY - NETHERLANDS  
IP - 3  
VI - 457  
JC - EUH  
AA - Author  
EM - 199912  
AB - Five distinct membrane-type matrix metalloproteinases (MT-MMP) have been reported by cDNA cloning. However, the mt4-mmp gene product (MMP-17) has not been identified yet in spite of the cDNA isolation [Puente et al. (1996), Cancer Res. 56, 944-949]. In this study, we re-examined the transcripts for human mt4-mmp by 5' RACE and identified two types of transcripts. The minor one corresponded to the cDNA reported by Puente et al. and failed to express protein, and the other is the major transcript that has an extended open reading frame and expressed 67 and 71 kDa translation products. Thus, functional mt4-mmp has been identified for the first time.  
AD - Department of Cancer Cell Research, Institute of Medical Science, The University of Tokyo, 4-6-1, Shirokanedai, Minato-ku, Tokyo, Japan.  
PMID- 0010471807  
CU - 1999  
SI - GENBANK/AB021224  
PID - S0014579399010650  
EDAT- 1999/09/03 09:00  
MHDA- 1999/09/03 09:00

S0 - FEBS Lett 1999 Sep; 3:457-353-6

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